## JC04 Rec'd PCT/PTO 11 JUL 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ATTORNEY'S DOCKET NUMBER

DESIGNATED/ELECTED OFFICE (DO/EO/US)  101382/104  101382/104						
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371						
PCT/CA	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE January 13, 2004	PRIORITY DATE CLAIMED January 13, 2003				
TITLE OF INVENTION PIPELINE MONITORING SYSTEM						
APPLICANT(S) FOR DO/EO/US Peter 0. PAULSON						
Applicant	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. 🗓 1	This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.					
2. 🔲 т	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.					
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4.	The US has been elected (Article 31).					
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a. is attached hereto (required only if not communicated by the International Bureau).					
	b. X has been communicated by the International Bureau.					
	c. is not required, as the application was filed in the United States Receiv	ing Office (RO/US).				
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
	a. is attached hereto.					
	b. has been previously submitted under 35 U.S.C. 154(d)(4).					
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
	a. are attached hereto (required only if not communicated by the International Bureau).					
	b. have been communicated by the International Bureau.					
	c. have not been made; however, the time limit for making such amendments has NOT expired.					
	d. have not been made and will not be made.					
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	An English language translation of the annexes of the International Preliminary E Article 36 (35 U.S.C. 371(c)(5)).	xamination Report under PCT				
Items 11 to 20 below concern document(s) or information included:						
11. X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. 🗌	An assignment document for recording. A separate cover sheet in compliance wi	ith 37 CFR 3.28 and 3.31 is included.				
13. X	A preliminary amendment.					
14. 🗆	An Application Data Sheet under 37 CFR 1.76.					
15. 🔲	A substitute specification.					
16. 🗌	A power of attorney and/or change of address letter.					
17. 🗌	A computer-readable form of the sequence listing in accordance with PCT Rule 1	13 <i>ter.</i> 2 and 37 CFR 1.821- 1.825.				
18.	A second copy of the published International Application under 35 U.S.C. 154(d)	(4).				
19.	A second copy of the English language translation of the international application	n under 35 U.S.C. 154(d)(4).				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## JC14 Rec'd PCT/PTO 1 1 JUL 2005

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U.S. APPLICATION	0/54	1 <b>20</b> 0	PCT/CA2004/0		101382/104	CRET NUMBER		
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21. X Basic	national fee (37	\$ 300.00						
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Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$			
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims	18	- 20 =	0	x \$50	\$			
Independent claims		-3=	0	× \$200 + \$360	\$	<del>                                      </del>		
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					Amount to be charged	\$		

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а. 🔲	A check in the amount of \$	_ to cover the above fees is enclosed.			
b. <b>X</b>	Please charge my Deposit Account No. $\underline{501456}$ in the amount of $1000.00$ to cover the above fees. A duplicate copy of this sheet is enclosed.				
с. 🗓	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501456 A duplicate copy of this sheet is enclosed.				
d. 🗌	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND A	LL CORRESPONDENCE TO:	George C. File			
CUSTOMER NUMBER 27220		SIGNATURE  George E. FISK  NAME			
		22,243 REGISTRATION NUMBER			
BLAKE, CASSELS & GRAYDON LLP World Exchange Plaza 20th Floor, 45 O'Connor Street Ottawa, Canada K1P 1A4					